**Dinesh Reddy**

**E-mail:** [dineshreddy.t3@gmail.com](mailto:dineshreddy.t3@gmail.com) **Phone:** 628-333-5041

**SUMMARY**

* **9 years** of experience in UI development, Web designing and development, testing web pages with Usability standards as **front-end Engineer** and **5+ years** of extensive experience in JavaScript frameworks like **Angular.js**, **Backbone.js** and libraries like **React.js**, **jQuery** etc.
* Developed UI for Android and iOS apps.
* Extensive experience as web developer with a strong background working on open source technologies, including **JSP**, **PHP, HTML, CSS, MySQL, JavaScript**
* Expertise in developing and designing web 2.0 application according to Information architecture and Usability standards using **OO JavaScript framework, Ajax, JQuery, Angular.js, React.js, Vue.js, JSP, XML, HTML5, CSS3, Bootstrap**
* Extensive experience with creating and reviewing **UI design specifications**, **developing prototypes** and conducting usability tests
* Expertise in designing **Event Handling Models such as Listener and Dispatcher in OO JavaScript**
* Extensively developed web application pages using Web Standards, Interactive animations, and E-mail design standards
* Extensive experience in development of hybrid mobile application based on web technologies to access the application APIS using **Ionic** **framework** and **Angular.js**
* Performed the automation using Cucumber.js
* Expertise in **OO JavaScript design pattern and JavaScript MVC Patterns**
* Extensive experience in **cross browser compatibility** issues and creating the screens with table less design following W3C standards. Hands-on experience in using Dojo Components and integrating back-end applications with **AJAX driven web 2.0 front-end using OO JavaScript framework and Node.js framework**
* Very strong experience with ecommerce development using **PHP**, **JSP** and JavaScript, including strong command of **XHTML**, **DHTML, SQL and Perl**
* Extensive experience in CSS layout designing, converting business requirement into Illustration and Color standards
* Expertise in JavaScript libraries to create slider and page-turning animations on calendar widgets
* Expertise experience in designing web pages and used applications that meet business and user goals through a positive user experience
* Expert skill level in GUI designing using **HTML, XML, CSS, DOM and good knowledge in using YUI layout components**
* Experience with docker for automating the deployment of the applications
* I develop responsive UI display patterns with performance and accessibility in mind. I enjoy creating design systems, **front-end architecture** includingUX
* Very Good experience **in all phases of the software development life cycle including requirements gathering, analysis, designing, coding, testing, integration, and documentation**
* Expertise in designing **Event Handling Models such as Listener and Dispatcher in OO JavaScript**
* Hands on in Design, Development, Testing enterprise applications using **AJAX, JQuery, WebLogic, Jboss and Tomcat Application server.**
* Extensively worked on MongoDB
* Very strong experience in Solaris, Linux, and Windows based environment
* Very strong analytical, problem solving, debugging, documentation and excellent communication skills
* Effective team player, **smart worker**, research oriented, and highly motivated self-starter
* Very efficient at meeting deadlines, working under pressure, and managing multiple tasks simultaneously
* Proven track record of successful projects throughout the career

**TECHNICAL SKILLS**

|  |  |
| --- | --- |
| Web Technologies | **HTML, HTML5, CSS3, JavaScript, Typescript, Action Script, JSP, Microservices, Servlet, JSON, GWT, SASS, CSS,** |
| Frameworks | **jQuery, Angular.js 1.6 & 2, 5, Vue.js, React.js, React native, Context, Redux, Flux, require.js, Django, Bootstrap, Webdriver IO, Handlebars.js, Vue.js, Backbone.js, Docker, YUI, IONIC, AJAX, Cordova Dojo, LESS, SAAS** |
| JavaScript libraries | **jQuery, React.js, D3.js, highchartsJs, Redux.js, Jasmine, Mocha, jest, Chai, SVG, Cucumber.js, RequireJS, Lodash, Node.js** |
| Languages | **C, C++, JAVA, Perl, Python, Swift** |
| J2EE Technologies | **JDK1.5, Servlets, JSP, Java Beans, Struts MVC, RMI, EJB, XML, JDBC, UDDI, SOAP** |
| OOAD Design Tools | **Rational Application Developer (RAD), Rational Software Modeler (RSM)** |
| Web/App. Servers | **Weblogic, Apache Tomcat, JBoss.** |
| Database | **MySQL, SQL Server 14, Oracle 11g/12c, MongoDB, SAP HANA** |
| CASE Tools | **Rational Rose** |
| Other | **JUnit, JSUnit, Drupal8, Photoshop Elements 15, Dream Weaver, Illustrator, P4, Synergy, Flash, Android and iOS apps, WordPress** |
| Cloud Technologies | **AWS, Azure, Rackspace** |
| Tools & Utilities | **DBVisualizer, Squirrel SQL, ANT, Sketch, JUnit, Wireframes, Zeplin, Selenium, InVision, GitHub, Flexbox, npm, webpack, Gulp, SVG, Grunt, Babel, Karma, Bower, JIRA** |
| Version Mgmt. | **Visual Safe Source, CVS / RCS, SubVersion** |

**WORK EXPERIENCE**

**VISA Inc. APR 2019- Present**

**SR. Front-end (LEAD) Developer/UI DEVELOPER**

**Responsibilities:**

* Manages the off-shore (India) front end team who support, test the application.
* Designed the architecture and developed UI/front-end from scratch for the Visa Travel Predict application (VISA) using HTML5, CSS3, React.js, Context, JavaScript
* Developed the wireframes for the application and designed the UI pages using Sketch
* Prototyped the UI using InVision. Used Zeplin for tracking the specs and style-guiding.
* Created components in the react component library, which can be re-used within the application
* Developed single page application, cross-device/cross-browser web applications using React.js
* Developed the application for responsive to different screen resolutions using Bootstrap, CSS media queries and component library
* Developed Single page applications using **React.JS** for search infrastructure team to test new search APIs
* Developed search functionality which propagates the search through three campaigns
* Developed filter functionality which can apply 7 different combinations of categories to filter using context
* Used various bootstrap components like accordion, date picker, time picker, alert, and buttons, modal and react-bootstrap components
* Developed class-based component that can be used to handle state using **React.JS** and Integrated with REST API, iterating through a JSON response in JSX Render by using React.js
* Developed the application for complex calculations using the multipliers and which in turn predicts the types of the categories the user may make transactions
* Developed UI/front-end for the Visa internal mobile application using React Native, HTML, SCSS, JavaScript, Material-UI, Node.js for both iOS and Android platforms Performed the unit testing on the react components applications using Jest
* Developed filters-based search feature, various components for the mobile application which can be reused within the application
* Used Jenkins for continuous delivery and continuous integration
* Involved in the deployment of the application and track the impacts on the production environment
* Support and resolve the production issues (if any) post deployment
* Working on introducing Redux to the existing application developed using React native
* Used Webpack for the module bundling
* Worked with Passport and JSON web tokens for authentication and authorization security configurations using Node.js
* Resolved complex issues related to browser and network performance, cross-browser and legacy IE compatibility, client-side scaling, data modeling, usability and testability
* Developed the visualization charts for the application using D3.js
* Used Webpack for the module bundling of the application
* Used GIT as version control tool

**INSURANCE AUTO AUCTIONS, Chicago, IL DEC 2017-JAN2019**

**SR. UI DEVELOPER/ Mobile UI**

**Responsibilities:**

* Designed and developed the front-end of the application, [www.iaai.com](http://www.iaai.com) using HTML5, CSS3, **React.js**, ES6, InVision, Zeplin
* Designed the UI for the application using sketch while interacting with the product owner
* Developed a pattern library for IAA, which is used as a bootstrap based library for UI development within the organization using Angular 2
* Created components in the pattern library, which can be re-used within the application
* Developed SPA’s, mobile-first, cross-device/cross-browser web applications using **REACT.JS**
* Developed responsive pages that are compatible with Mobile browsers chrome, safari on iPhone and Android based mobiles.
* Diverse experience utilizing tools in Microservices architecture applications
* Developed UI for mobile apps with pixel perfect design implementation for **iOS** and **Android.**
* Used jQuery plugins for Drag-and-Drop, Widgets, Menus, User Interface and Forms
* Developed Date Time Picker using Object Oriented JavaScript extensively
* Developed external page using jQuery (from the same domain) inside a container when a tab is clicked on via Ajax call and also to support auto mode
* Worked on an internal project using Vue.js
* Deep understanding and working experience in Object Oriented JavaScript programming and JavaScript Spring MVC frameworks
* Edited sites master pages, pages and sub sites using SharePoint designer and web browsers
* Used Cucumber.js for performing automation.
* Expert in HTML5/CSS3 development and have experience React.js, Angular, Responsive design
* Performed testing of the react application using Jest.
* Used Web services (**SOAP** and **RESTful**) for transmission of large blocks of XML/JSON

**COX AUTOMOTIVE, Atlanta, GA SEPT’2016-DEC 2017**

**SR. UI DEVELOPER**

**Responsibilities:**

* Developed Single Page Application using **Angular 5** framework
* Developed responsive layouts, navigation and tables using Bootstrap CSS Grid. Built the application using Bootstrap components like Carousel and more
* Created importable and reusable style sheets using Less.js pre-processor, processed on server-side.
* Developed SPA's, mobile-first, cross-device/cross-browser web applications utilizing AngularJS, JavaScript API
* Developed a mobile application for **iOS** and **android** which allows the clients to connect to COX for various requests.
* Developed User Interface using **HTML/HTML5, NodeJS, CSS/CSS3, ES6, JavaScript, and JQuery, AJAX, AngularJS, D3JS**
* Implemented MVC architectures using Full stack frameworks such as Django and Flask for developing web

Applications

* Developed an internal application using **Ionic** for **iOS**
* Developed front-end **architecture** for the project
* Developed custom Angular Services to call the RESTful Web Service/API to asynchronously fetch data and populate on the frontend using http, resource
* Involved in building APIs and Views utilizing Python in order to build an interactive web-based solution.
* Optimized the page loading performance by Minification and code structure adjustment
* Performed the unit test using Jasmine
* Access to the device capabilities like GPS, flash, camera and other capabilities using **IONIC framework** and **native apps APIS**
* Built full stack ecommerce application using the **JavaScript MEAN stack: Angular and Node.js**
* Implemented different UI Bootstrap Components such as Pagination, Modal and Collapse
* Developed the basic front-end logic, DOM Manipulation and bind Event Handlers using **JavaScript**
* Developed several custom Directives in **Angular** to provide shared component
* Animated Flash assets from static designs in Photoshop and Illustrator using ActionScript 3
* Designed and developed custom **jQuery** components for the front-end client-side validations

**Environment:**

**HTML5, CSS3, BackboneJS, Angular 2 and 5, Django, SASS AJAX, Flux, architect, Micro services, Flash, JavaScript, jQuery, Google API, Jasmine, Git, REST, Gulp.js, Python, Docker, MongoDB, IONIC, WebStorm IDE.**

**SAP LABS, Palo Alto, CA SEPT’2015-AUG’2016**

**SR. UI DEVELOPER (Front-end lead and Mobile apps UI developer)**

**Responsibilities:**

* Developed front-end systems with HTML5, JavaScript, jQuery, **React.Js**, Bootstrap, AJAX, and CSS3
* Experienced in coding/editing HTML, JavaScript, XML, **Flash**
* Worked as a front-end lead for the project.
* Experience in deploying applications through Microsoft azure and experience in troubleshooting and deploying applications to azure.
* Extensively worked on offshore e-learning projects based on Flash integration & graphic layouts
* Developed dynamic Visualforce pages and custom components on Service Cloud Console and Subscription Console
* Used Python based GUI components for the front-end functionality such as selection criteria
* Developed **Android** application for a health management system that allows patients to update their health status and track heart rate through apple watch
* Created graphics, XML processing, data exchange and Business logic implementation using Python and Django
* Performed testing on components of the application using **jest**
* Developed the components for mobile application using react native
* Developed MVC prototype replacement of current product with Django
* Implemented JavaScript, jQuery, HTML5 and CSS3 extensively to accommodate the business requirements
* Developed Single page applications using **ReactJS** for search infrastructure team to test new search APIs.
* Implemented jQuery Data Table to display thousands of records and it comes with many plugins like colVis.js and columnFilter.js which helped in adding and removing table columns dynamically and implementing column level filters
* Developed class-based component that can be used to handle state using **ReactJS** and Integrated with REST API, iterating through a JSON response in JSX Render by using React.js
* Customized the default plugin columnFilter.js to make it suitable for the business needs such as to change the existing filter functionality and change the GUI
* Developed REST **architecture**-based web services to facilitate communication between client and server
* Improved the overall performance on the page on retrieving more than 1000 records. The performance was improved from the prior 2 minutes to 5 seconds based on correcting the cache of the object in memory, using a better function etc.
* Implemented JSON objects to get information from the backend to dynamically populate the page with the retrieved data and enrich the GUI
* Developed windows services to store SQL server data in to cloud based data warehousing by using Microsoft
* Responsible for creating custom plugins to create interface between ionic and native functionality for android. Integrated analytics using Adobe Mobile services.
* Developed the visualization and interactive charts using High-charts
* Built the structure and site functionality using wireframes.

**Environment: OO JavaScript, HTML5, CSS3, XML, React.JS, JQuery, React native, Highcharts.JS, LESS, SAAS, RequireJS, Modernizr, Django, Jest, DataTables, Handlebars.js, wireframes, MVC Framework, Node.js, JIRA, Bootstrap, Grunt.js, Python, JSON, SVG, Eclipse 4.2, STS, Cordova, Drupal, IntelliJ IDEA, SVN, IONIC, Perforce, UNIX, LINUX, SAP HANA.**

**CONTRA COSTA COUNTY, CA FEB’2015-AUG2015**

**SR. UI DEVELOPER**

**Responsibilities:**

* Analyzed the requirements and prepared **requirement specification** document
* Understood the complete architecture of various applications in-order to design the application
* Developed **AJAX framework** for the project, using **jQuery, Servlet, JSP** (for JavaScript event handling)
* Implemented Ajax Call, when the user keys in the first few characters of a Product, an AJAX call is made, and all the matching Product entries are retrieved from database as a **JSON Payload** and displayed in a dropdown list box
* Built the application using **JQuery plug-ins** like Image Light box, Ajax Queue, auto-populating select-box, Search plug-in, calendar plug-in, AJAX-queue plug-in, and Auto populating multiple select-boxes and have extensive knowledge on them
* By utilizing Python on Django Web Framework developed entire frontend and backend modules
* Implemented web-based **Market Research Surveys using XHTML, CSS, JavaScript, XML, Adobe** Photoshop, Adobe Dreamweaver and Confirm IT, a market research Tool
* Implemented CSS throughout the site, both as in-line and imported files.
* Written and implemented Object Oriented JavaScript throughout the site, both as in-line and imported files
* Enhanced of existing application using **JSP, JSP tag libraries** based on MVC Design Pattern
* Created role-based **DHTML navigation menu**, menu items change dynamically, derived from the database in the form of XML
* Used Python programming and language to develop a working and efficient network within the company
* Handled all the client-side validation, hide and show dives, tab navigation using JavaScript
* Enhanced the existing application **utilizing JSP, Tag library, Created DHTML** that derives data from the database in the form **of XML and XSL**
* Developed the application using CSS and JavaScript for **browser compatibility**. Re-skinned and created new theme for some of the forms using CSS and dynamic JavaScript
* Deployed the application in Rackspace.
* Participated in design meetings for backend database architecture
* Extensively Used Selenium for automation testing
* Validated JavaScript functions using **JSUnit** and documented them using **JSDoc**
* Designed banner, graphic and logos using **Flash, Fireworks and Photoshop**
* Created the web pages using **Dream Weaver editor**, hand coding of HTML, Java Script and Flash Action Script

**Environment: JavaScript, Django, Ajax, CSS, JQuery, Core Java 1.4, Backbone.js, Python, Design Pattern, REST, MVC, Tomcat, Ant, JUnit, UNIX, Linux**

**TINTRI, MOUNTAIN VIEW, CA NOV’2013-JAN’2015**

**SR. UI DEVELOPER**

**Responsibilities:**

* Worked extensively on Web 2.0 migration from JSP Frame work to Ajax Driven framework using **OO JavaScript, jQuery and AJAX** in Presentation Layer.
* Designed and implemented the User Interface using **OO JavaScript, HTML, XHTML, XML, CSS, JSP, AJAX and MySQL.**
* Worked on AJAX **features in one of the modules using jQuery, JSP, Servlet** (for JavaScript event handling) and jQuery Ajax framework (for AJAX communication).
* Developed plug-in which is similar to JQuery plug-in using our OO JavaScript function
* Implemented **JavaScript Event model** along withdynamic grid creation and Layout management
* Performed debugging, fixing and testing the existing bugs in theJavaScript Framework and adding new features to the application.
* Developed CSS Template to display at the bottom of the page when scrolled by using CSS and JavaScript.
* Implemented Ajax to load a hex or ase64 encoded version of the image as bitmap ad to draw it to a canvas
* Implemented JavaScript to bind the click event handlers to the text area and the document.
* Developed bootstrap popover/tooltip for mapped areas on an image using JavaScript, jQuery, Html, CSS.
* Implemented the jQuery traversal API to find the input elements relative to the select element that triggered the on-Change event.
* Displayed data from the data source and multi column sorting with data type detection by using plug-in like jQuery data table, JavaScript.
* Built UI using **Yahoo Widget and Gadget** and implemented **YUI library** to **parse the JSON object**
* Implemented **YUI publish/subscribe model and YUI’s event system to communicate** between modules.
* Created plug-ins using **CSS template**, JavaScript scripts which were used as for various websites.
* Involved in the backend implementation and integrations using simple **Java Servlet** and used **Struts MVC** as the architecture design for the framework that used these templates
* Developed code for UI using Object Oriented JavaScript, XHTML, CSS, DOM, and XML.
* Strictly followed **Web 2.0 design features** such as simplicity, fewer columns, separate top sections, fonts, simple navigation, logos, gradients, reflections and more.
* Designed **test plans** and performed unit testing and load testing
* Developed **ant scripts**, shell scripts to build and deploy the application

**Environment: OO JavaScript, JDK 1.5, AJAX, JQuery, Dojo, YUI, HTML5, XML, CSS3, REST, Core Java, JDK 1.6, Spring MVC, JSP, J2EE, JavaScript, JQuery, Ajax, node.js, Bootstrap, Design Patterns JSP, UNIX, Struts MVC, Ant**

**`**

**JUNIPER, SUNNYVALE, CA JUNE 2013-NOV’2013**

**SR. UI DEVELOPER**

**Responsibilities:**

* Developed Web Application using Web 2.0, **JQuery/ YUI** and OO JavaScript
* Designed and developed rich Internet Applications using **AJAX and JQuery**
* Developed different **YUI components** using Struts MVC micro architecture framework which internally utilized various design pattern such as **singleton**, command, delegate, etc.
* Integrated **JQuery/Mootools based UI** with Java Servlet, Java Remote Object, REST web services, JSP, and other frameworks such as hibernate and strut
* Implemented **Event Handling Model** such as Listener and dispatcher in Ajax framework and JavaScript
* Developed OO JavaScript filter function which creates a new array with all of the elements of the array for which the provided filtering function returns true, implemented it for our search grid
* Developed used client-side Prototype (Prototype.js) **OO JavaScript Framework** for handling cookies which contains all the base functions and the Native and Hash implementations, Browser initialization, Window and Document, and the Browser Hash
* Created classes and value Object in JavaScript in order to sync with POJO at server side
* Integrated **YAHOO Local search APIs** and **GOOGLE Maps APIs** with JQuery UI
* Created small flash-based module and integrated them with XHTML page.
* Worked on UI based validations using **JQuery in-built** classes such as zip code, numbers, SSN, email for validation.
* Implemented drag and drop of the items using jQuery drag drop events.
* Experience with visual design and the **YUI controls** needed to construct a front-end GUI application.
* Wrote test plans and performed unit testing and performance testing
* Developed **Ant scripts** to build and deploy the application on resin application server
* Worked with the systems team and Quality assurance team in the process
* Implemented Controller, Façade and Command Design Patterns for the MVC architecture

**Environment: OO JavaScript, YUI, Ajax, JQuery, MVC, Backbone.js, CSS, REST, Core Java5, Java Design Pattern, UNIX, Linux, Ant, Struts MVC**

**TATA CONSULTANCY SERVICES(TCS), INDIA SEPT 2011 – DEC 2012**

**WEB DEVELOPER**

**Responsibilities:**

Worked extensively on Web 2.0 Web Application using JQuery based application and OO **JavaScript**

Worked in designing and implementing **Rich Internet Applications using AJAX and JQuery**

Implemented a Multiple File Upload Plugin (JQuery. MultiFile) is a non-obtrusive plugin for the JQuery JavaScript library that helps users easily select multiple files for upload quickly and easily whilst also providing some basic validation functionality to help developers identify simple errors, without having to submit the form.

Developed CSS to maintain the uniformity of the all the screens throughout the application and positioning of the screen objects

Developed XML Services for storing and retrieving data

Developed CSS to control the style and layout of multiple Webpages all at once

Implemented drop down Panel to add a pull-down panel to the top of the page that contains external content fetched via AJAX

Implemented **AJAX** driven UI to bring the backend data on the UI and display on data grid

Worked on CSS Background, CSS Positioning, CSS Border, Pseudo classes, Pseudo elements etc.

Implemented **AJAX with JQuery controls** for Listing all scripts in a grid and can edit it in the grid which will reflect in the database table as well (like margins)

Implemented AJAX based UI with above said Architecture with Rich Internet UI in modules

Hand coding of HTML and CSS to develop a web page

Coded page layouts using CSS in a table less environment. Managed and updated department’s web resources with the prominent use of JavaScript. Wrote handler functions for the events on webpage

Developed code for UI using JavaScript, HTML, CSS, and XML

**Environment: JavaScript, CSS, XHTML, DHTML, JSP, Servlets, Photoshop, Flash, Edit plus, W3c Validator, Windows, Linux, Oracle, XML, XSLT, Windows Platforms, IDE- Eclipse.**

**EDUCATIONAL DETAILS**

Master’s in software engineering-2015

State University San Jose

Bachelor’s in computer science and Engineering -2011

SRM University Chennai